

AMENDMENTS TO THE ABSTRACT

*Please replace the present Abstract with the following amended Abstract,
as follows:*

ABSTRACT OF THE DISCLOSURE

----Problem

The present invention relates to a gabion unit formed by spiral double-twisted structures for the gabion unit, and a gabion mesh having the gabion units consecutively and repeatedly coupled to one another both in a right and left direction and in a fore and aft direction. The spiral double-twisted structure for the gabion unit of the present invention is characterized in that two longitudinal steel wires are spirally rotated in opposite directions before and after passing over one transverse steel wire serving as a centerline

Solution

The present invention provides a gabion unit formed by coupling a plurality of spiral double-twisted structures for the gabion unit constructed as above to one another, and a gabion mesh formed by consecutively and repeatedly coupling a plurality of gabion units to one another in the right and left direction and in a fore and aft direction.

~~Accordingly, the present invention can fully automate a conventional method for manufacturing a gabion mesh, thereby improving the production efficiency as many as 2 to 3 times over the conventional manufacturing method~~

A spiral double-twisted structure is provided having an n-th upper steel wire (A_n) and an n-th lower steel wire (B_n) which are paired with each other and rotated in one direction to form a front spiral twisted structure having a plurality of twists. Further, a k-th transverse steel wire (C_k) may be transversely inserted between the n-th upper steel wire (A_n) and the n-th lower steel wire (B_n) of the front spiral twisted structure. Additionally, the n-th upper steel wire (A_n) and the n-th lower steel wire (B_n) may be rotated in a direction opposite to the one direction after passing over the k-th transverse steel wire (C_k) serving as a centerline, in order to form a rear spiral twisted structure having a plurality of twists.-----